



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 86 61 75

Classification of the application (IPC):
G06Q 10/02, B60L 11/18, G06Q 50/06, G06Q 50/10, H01M 10/42, H02J 7/00, H02J 13/00

Technical fields searched (IPC):
G06Q, B60L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 9177306 B2 (PENILLA ANGEL A [US]; PENILLA ALBERT S [US]) 03 November 2015 (2015-11-03) * abstract; claims 1-20; figures 18-21, 35-37C * * column 2, line 10 - column 5, line 33 * * column 12, line 51 - column 14, line 23 * * column 19, line 56 - column 21, line 8 * * column 23, line 51 - line 65 * * column 24, line 60 - column 25, line 5 * * column 31, line 33 - line 46 * * column 32, line 25 - column 34, line 44 *	1-9
X	EP 2578997 A1 (HITACHI LTD [JP]) 10 April 2013 (2013-04-10) * abstract; figures 1-5, 10-15 * * paragraph [0010] - paragraph [0011] * * paragraph [0019] - paragraph [0026] * * paragraph [0047] - paragraph [0052] * * paragraph [0062] - paragraph [0070] *	1-9

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 31 October 2018	Examiner Türkeli, Yasemin
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CATEGORY OF CITED DOCUMENTS

- X: particularly relevant if taken alone
- Y: particularly relevant if combined with another document of the same category
- A: technological background
- O: non-written disclosure
- & : member of the same patent family, corresponding document
- P: intermediate document
- T: theory or principle underlying the invention
- E: earlier patent document, but published on, or after the filing date
- D: document cited in the application
- L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 31-10-2018
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			US 2015134467 A1	14-05-2015
			US 2015134546 A1	14-05-2015
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			US 2016025506 A1	28-01-2016
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			JP 5943514 B2	05-07-2016
			JP 2013085449 A	09-05-2013
			US 2013226441 A1	29-08-2013